

=> fil reg; d stat que l19
FILE 'REGISTRY' ENTERED AT 14:00:51 ON 25 APR 2002
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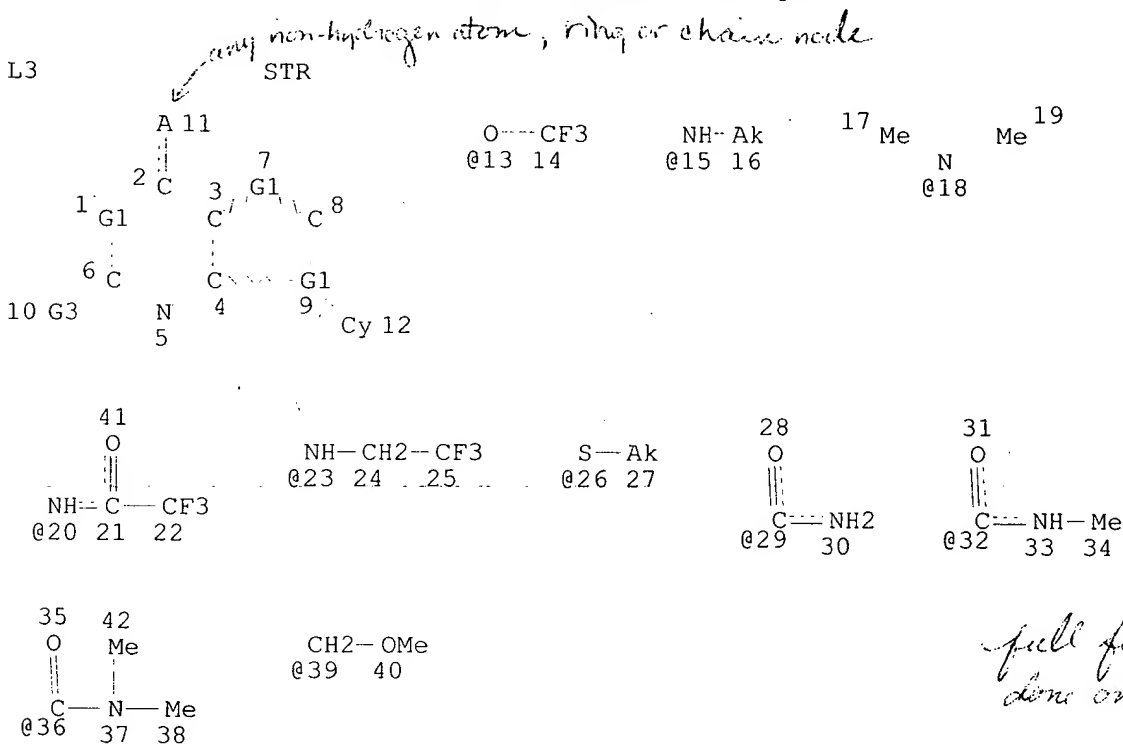
STRUCTURE FILE UPDATES: 23 APR 2002 HIGHEST RN 406909-40-8
DICTIONARY FILE UPDATES: 23 APR 2002 HIGHEST RN 406909-40-8

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES
for more information. See STNote 27, Searching Properties in the CAS
Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

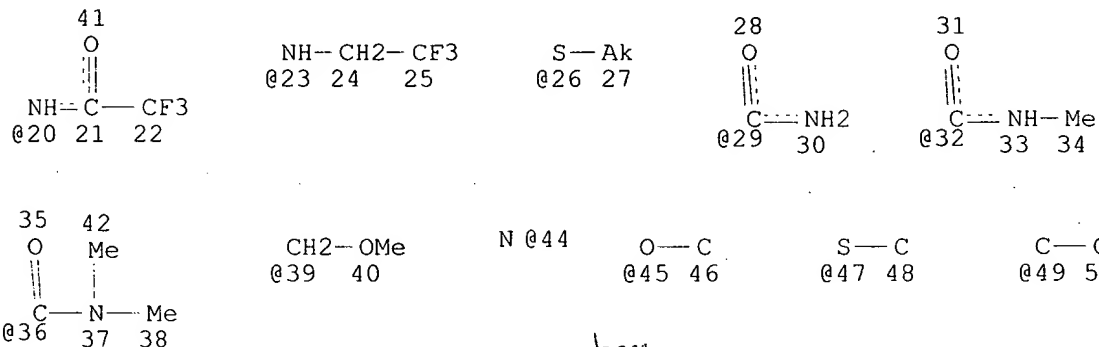
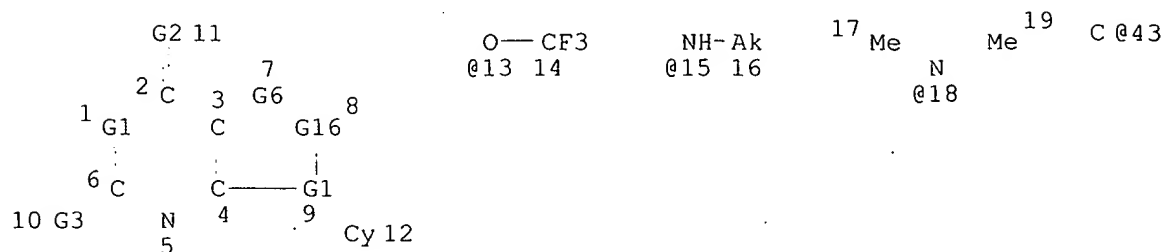


VAR G1=N/C
VAR G3=ME/ET/X/CN/OME/13/NH2/15/18/20/23/26/29/32/36/CF3/39
NODE ATTRIBUTES:
NSPEC IS RC AT 11
CONNECT IS E1 RC AT 16
CONNECT IS E1 RC AT 27
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

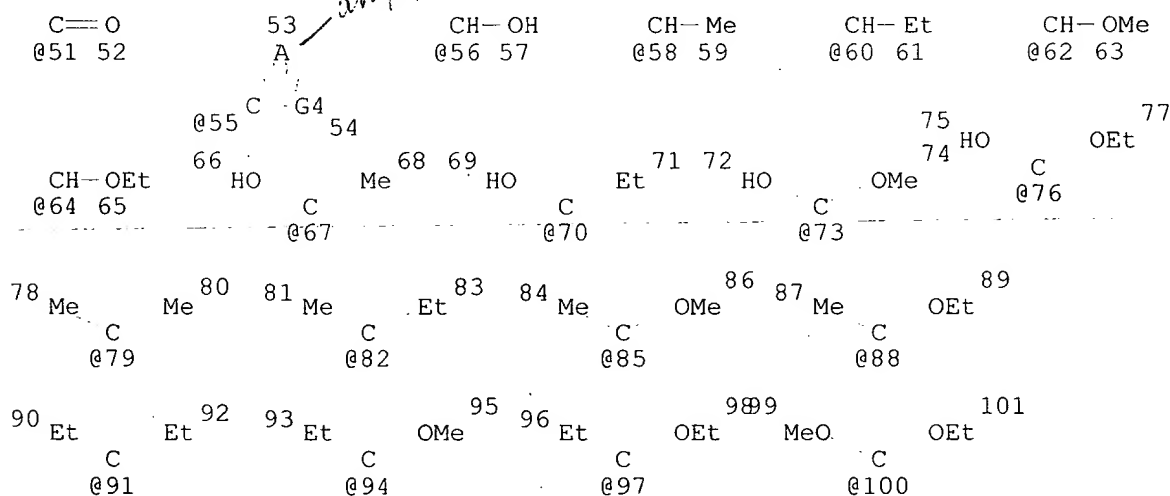
GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 42

STEREO ATTRIBUTES: NONE
L6 902397 SEA FILE=REGISTRY ABB=ON (C5N/EAS OR C4N2/EAS) AND (C4N/EAS

L8 OR C3N2/EAS) AND NR>2
 L9 37745 SEA FILE=REGISTRY SUB=L6 SSS FUL L3
 STR



Page 1-A



*Subset search
done on this
structure
(chain 1)*

Page 2-A

VAR G1=N/C
 VAR G2=44/43/45/47
 VAR G3=ME/ET/X/CN/OME/13/NH2/15/18/20/23/26/29/32/36/CF3/39
 REP G4=(1-6) A
 VAR G6=CH/49/51/55
 VAR G16=CH2/56/58/60/62/64/67/70/73/76/79/82/85/88/91/94/97/100/51/55
 NODE ATTRIBUTES:
 NSPEC IS RC AT 43
 NSPEC IS RC AT 44
 NSPEC IS RC AT 46
 NSPEC IS RC AT 48
 NSPEC IS RC AT 50
 CONNECT IS E1 RC AT 16

CONNECT IS E1 RC AT 27
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 101

STEREO ATTRIBUTES: NONE
L19 59 SEA FILE=REGISTRY SUB=L8 SSS FUL L9

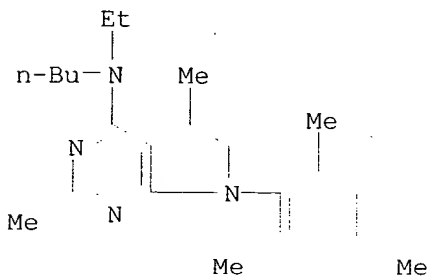
100.0% PROCESSED 2457 ITERATIONS 59 ANSWERS
SEARCH TIME: 00.00.11

=> d que nos 122

L3 STR
L6 902397 SEA FILE=REGISTRY ABB=ON (C5N/EAS OR C4N2/EAS) AND (C4N/EAS
OR C3N2/EAS) AND NR>2
L8 37745 SEA FILE=REGISTRY SUB=L6 SSS FUL L3
L9 STR
L19 59 SEA FILE=REGISTRY SUB=L8 SSS FUL L9
L20 34 SEA FILE=REGISTRY ABB=ON C23H34N4/MF
L21 7 SEA FILE=REGISTRY ABB=ON (C23H34N4.2CH3O4S/MF OR C23H34N4.2CLH
/MF OR C23H34N4.3CLH/MF OR C23H34N4.BF4.H/MF OR C23H34N4.H2O4S/
MF OR C23H34N4.HI/MF)
L22 1 SEA FILE=REGISTRY ABB=ON (L21 OR L20) AND L19 *Species*

=> d ide 122

L22 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS
RN 175139-32-9 REGISTRY
CN 5H-Pyrrolo[2,3-d]pyrimidin-4-amine, N-butyl-N-ethyl-6,7-dihydro-2,5-
dimethyl-7-(2,4,6-trimethylphenyl)- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF **C23 H34 N4**
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

8 REFERENCES IN FILE CA (1967 TO DATE)
8 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> fil capl; d que nos 123; fil uspatf; d que nos 124
FILE 'CAPLUS' ENTERED AT 14:01:28 ON 25 APR 2002

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FILE COVERS 1907 - 25 Apr 2002 VOL 136 ISS 17
FILE LAST UPDATED: 23 Apr 2002 (20020423/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

L3 STR
L6 902397 SEA FILE=REGISTRY ABB=ON (C5N/EAS OR C4N2/EAS) AND (C4N/EAS OR C3N2/EAS) AND NR>2
L8 37745 SEA FILE=REGISTRY SUB=L6 SSS FUL L3
L9 STR
L19 59 SEA FILE=REGISTRY SUB=L8 SSS FUL L9
L20 34 SEA FILE=REGISTRY ABB=ON C23H34N4/MF
L21 7 SEA FILE=REGISTRY ABB=ON (C23H34N4.2CH3O4S/MF OR C23H34N4.2CLH/MF OR C23H34N4.3CLH/MF OR C23H34N4.BF4.H/MF OR C23H34N4.H2O4S/MF OR C23H34N4.HI/MF)
L22 1 SEA FILE=REGISTRY ABB=ON (L21 OR L20) AND L19
L23 8 SEA FILE=CAPLUS ABB=ON L22

FILE 'USPATFULL' ENTERED AT 14:01:28 ON 25 APR 2002
CA INDEXING COPYRIGHT (C) 2002 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 25 Apr 2002 (20020425/PD)
FILE LAST UPDATED: 25 Apr 2002 (20020425/ED)
HIGHEST GRANTED PATENT NUMBER: US6378132
HIGHEST APPLICATION PUBLICATION NUMBER: US2002049999
CA INDEXING IS CURRENT THROUGH 25 Apr 2002 (20020425/UPCA)
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 25 Apr 2002 (20020425/PD)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Feb 2002
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Feb 2002

>>> USPAT2 is now available. USPATFULL contains full text of the <<<
>>> original, i.e., the earliest published granted patents or <<<
>>> applications. USPAT2 contains full text of the latest US <<<
>>> publications, starting in 2001, for the inventions covered in <<<
>>> USPATFULL. A USPATFULL record contains not only the original <<<
>>> published document but also a list of any subsequent <<<
>>> publications. The publication number, patent kind code, and <<<
>>> publication date for all the US publications for an invention <<<
>>> are displayed in the PI (Patent Information) field of USPATFULL <<<

>>> records and may be searched in standard search fields, e.g., /PN, <<<
>>> /PK, etc. <<<

>>> USPATFULL and USPAT2 can be accessed and searched together <<<
>>> through the new cluster USPATALL. Type FILE USPATALL to <<<
>>> enter this cluster. <<<
>>> Use USPATALL when searching terms such as patent assignees, <<<
>>> classifications, or claims, that may potentially change from <<<
>>> the earliest to the latest publication. <<<

This file contains CAS Registry Numbers for easy and accurate
substance identification.

L3 STR
L6 902397 SEA FILE=REGISTRY ABB=ON (C5N/EAS OR C4N2/EAS) AND (C4N/EAS
OR C3N2/EAS) AND NR>2
L8 37745 SEA FILE=REGISTRY SUB=L6 SSS FUL L3
L9 STR
L19 59 SEA FILE=REGISTRY SUB=L8 SSS FUL L9
L20 34 SEA FILE=REGISTRY ABB=ON C23H34N4/MF
L21 7 SEA FILE=REGISTRY ABB=ON (C23H34N4.2CH3O4S/MF OR C23H34N4.2CLH
/MF OR C23H34N4.3CLH/MF OR C23H34N4.BF4.H/MF OR C23H34N4.H2O4S/
MF OR C23H34N4.HI/MF)
L22 1 SEA FILE=REGISTRY ABB=ON (L21 OR L20) AND L19
L24 3 SEA FILE=USPATFULL ABB=ON L22

=> dup rem 123,124

FILE 'CAPLUS' ENTERED AT 14:01:35 ON 25 APR 2002
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FILE 'USPATFULL' ENTERED AT 14:01:35 ON 25 APR 2002
CA INDEXING COPYRIGHT (C) 2002 AMERICAN CHEMICAL SOCIETY (ACS)
PROCESSING COMPLETED FOR L23
PROCESSING COMPLETED FOR L24

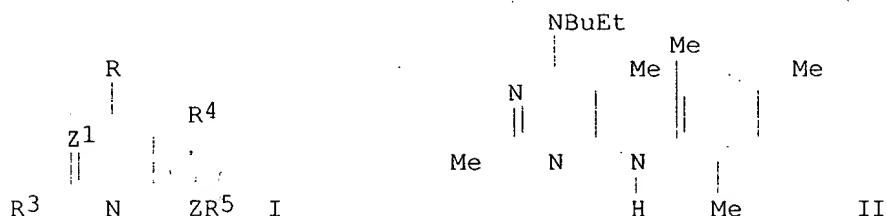
L29 10 DUP REM L23 L24 (1 DUPLICATE REMOVED)
ANSWERS '1-8' FROM FILE CAPLUS
ANSWERS '9-10' FROM FILE USPATFULL

=> d ibib abs hitrn 129 1-10; fil cao; d que nos 125

L29 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 1
ACCESSION NUMBER: 1999:635465 CAPLUS
DOCUMENT NUMBER: 131:243283
TITLE: Preparation of pyridine and pyrimidine derivatives as
corticotropin releasing factor antagonists
INVENTOR(S): Chen, Yuhpyng Liang
PATENT ASSIGNEE(S): Pfizer Inc., USA
SOURCE: U.S., 31 pp., Cont.-in-part of U.S. Ser. No. 255,514,
abandoned.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5962479	A	19991005	US 1996-765110	19961206

WO 9533750 A1 19951214 WO 1995-IB439 19950606
W: AU, CA, CN, CZ, FI, HU, JP, KR, MX, NO, NZ, PL, RU, SK, UA, US
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE
JP 2000001434 A2 20000107 JP 1999-162425 19950606
JP 11246411 A2 19990914 JP 1998-343077 19981202
JP 3223169 B2 20011029
PRIORITY APPLN. INFO.: US 1994-255514 B2 19940608
 WO 1995-IB439 W 19950606
 JP 1995-500615 A3 19950606
 JP 1996-500615 A3 19950606
OTHER SOURCE(S): MARPAT 131:243283
GI



AB Title compds. [I; R = NR₁R₂, CHR₁R₂, OCHR₁R₂, etc.; R₁ = (un)substituted alkyl; R₂ = (cyclo)alkyl, (hetero)aryl, etc.; R₃ = halo, cyano, Me, Et, OMe, etc.; R₄ = H, halo, alkyl, alkoxy, etc.; R₅ = (hetero)aryl; Z = O, CH₂, (alkyl)imino, etc.; Z¹ = CR⁷ or N; R⁷ = H, halo, Me, alkoxy(carbonyl), etc.; R₄ZR₅ = (un)substituted CH₂CH₂CHR₅, -CH₂CH₂NR₅, -NHCONR₅, -N:CHGNR₅, etc.; G = H, OMe, Me, etc.] were prepd. Thus, 2,5-dimethyl-4,6-dichloropyrimidine was aminated by BuNH₂Et and the product aminated by 2,4,6-Me₃C₆H₂NH₂ to give title compd. II. Binding activities for I, expressed as IC₅₀ values, generally range from about 0.5nM to about 10.μM (sic).

IT 175139-32-9P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of pyridine and pyrimidine derivs. as ACTH releasing factor antagonists)

REFERENCE COUNT: 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L29 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2001:796238 CAPLUS

DOCUMENT NUMBER: 135:339292

TITLE: Combinations of corticotropin releasing factor antagonists and growth hormone secretagogues

INVENTOR(S): Fossa, Anthony A.

PATENT ASSIGNEE(S): Pfizer Products Inc., USA

SOURCE: Eur. Pat. Appl., 58 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1149583	A2	20011031	EP 2001-303033	20010330